IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William Vainchenker et al.

Title: IDENTIFICATION OF A JAK2 MUTATION

INVOLVED IN VAQUEZ POLYGLOBULIA

Appl. No.: 10/580,458

International 10/26/2005

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Examiner: Sheridan Swope

Art Unit: 1652

Confirmation 1466

Number:

RESPONSE TO DRAWING OBJECTIONS AND AMENDMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated October 2, 2008, and supplemental to the response filed on April 1, 2009, concerning the above-referenced patent application.

Amendments to the Drawings begin on page 2 of this document, and include attached replacement drawing sheets.

Remarks/Arguments begin on page 3 of this document.

Please amend the application as follows: